

Docket No.: AB-209U

Amendments to and Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-11 (canceled)

Claim 12 (withdrawn): The implantable microminiature infusion pump of Claim 8 wherein said reservoir, driver, pulse generator, control circuit, and data receiving circuit are all housed within a pancake-shaped housing, and wherein said at least two electrodes are spaced-apart on said housing.

Claim 13 (withdrawn): The implantable microminiature infusion pump of Claim 12 wherein said at least one exit portal is located on the circumferential edge of said housing.

Claim 14 (withdrawn): The implantable microminiature infusion pump of Claim 13 further including a multiplicity of exit portals spaced apart along the circumferential edge of said housing.

Claims 15-20 (canceled)

Claim 21 (withdrawn): A method of delivery of a therapeutic fluid and electrical stimulation using a microminiature infusion device capable of delivering both a therapeutic substance and electrical stimulation, comprising:

delivering both the therapeutic substance and the electrical stimulation from the device for a first period of time, followed by
delivering only electrical stimulation from the device for a second period of time.

Claim 22 (withdrawn): The method of Claim 21 wherein the second period of time comprises about two hours.

Claim 23 (canceled)

Application Number 10/057,144
Amendment dated August 26, 2004
Supplemental Reply to final Office action mailed April 22, 2004

Page 4 of 8

Docket No.: AB-209U

Claim 24 (currently amended): An implantable microminiature system comprising: The implantable microminiature infusion pump of claim 20 further including
means for delivering at least one therapeutic substance to a patient, wherein the therapeutic substance delivering means is implanted in a patient;
means for delivering therapeutic electrical stimulation to the patient, wherein the electrical stimulation means is integral with the therapeutic substance delivering means and is implanted in the patient;
at least one sensor, wherein the sensor senses a need for a therapeutic effect of the at least one therapeutic substance and the electrical stimulation; and
means within the implantable microminiature infusion pump for providing power to the therapeutic substance delivering means, the electrical stimulation delivering means, and the at least one sensor, wherein the power providing means is within the implantable microminiature system.

Claim 25 (currently amended): The implantable microminiature infusion pump of claim [[19]] 24 further including at least one lead attached to the implantable microminiature infusion pump, which leads include at least two electrodes for delivering the therapeutic electrical stimulation to the patient.

Claim 26 (canceled)